

O C T O B E R

at the

CALIFORNIA ACADEMY OF SCIENCES

OCTOBER MEETING

Date: Wednesday, October 5, 8:15 p.m.
Place: Morrison Auditorium
Speaker: Allan D. Cruickshank
Subject: "RIVER OF THE CRYING BIRD"

In Florida, there is a river named the Wakulla. Its name comes from the Indian word for "mysterious waters". Mr. Cruickshank has travelled its length, photographing the wildlife along the way. Limpkins - the crying birds, American egrets, anhingas - known as "snake-birds", bitterns, ringbilled gulls, and pelicans are but a few of the winged inhabitants he has caught with his camera for this Audubon Screen Tour.

Mr. Cruickshank is a nationally known photographer and author, his work having appeared in U. S. Camera Yearbook, National Geographic, Nature, Audubon, Natural History and Life magazines. (Members and guests)

MORRISON PLANETARIUM

"PLANETARIUM ON PARADE" continues through October 30.

This potpourri of planetarium legerdemain will delight audiences of all ages, "exposing" as it does, the many tricks whereby space and time are easily manipulated by Planetarium astronomers. Performances daily, Tuesday through Sunday, at 3:30 and 8:30 p.m., with an extra matinee at 2:00 on Saturdays and Sundays. No evening performance on Tuesdays. (Adults, 75¢, Juniors, 40¢)

SPECIAL EXHIBIT

"THE ALASKAN ESKIMO", a beautiful and informative presentation of a large part of the Arnold Liebes collection of Alaskana, will continue on display in Lovell White Hall through October 30. (Admission free)

"SCIENCE IN ACTION"

Monday nights, 7:00 P.M., KRON-TV, Channel 4
Oct. 3: "New Techniques in Brain Surgery", with Guest Scientist, Glenn O. Cross, M.D.
Oct. 10: "Friction", with Dr. Harvey E. White, University of California
Oct. 17: "Barrels of Monkeys", with Dr. Robert T. Orr, CAS and University of San Francisco.
Oct. 24: "Metabolism", with Dr. Harold Harper, University of California School of Medicine.
Oct. 31: "Nuclear Accelerators", with Nobel Laureate, Dr. Edwin McMillan, Lawrence Radiation Laboratory.

NEWS and NOTES

Several members of the Academy staff will be involved in an expedition in early October to an interesting yet little known geographical feature known as the "kipuka" located in southcentral Idaho near Craters of the Moon National Monument.

Kipuka is an Hawaiian term describing a small island surrounded by a lava flow. In the case of the kipuka in Idaho, it is an area approximately one mile across which was cut off by an eruption which occurred about 300 years ago, making it a biologically fascinating oddity, an ecological island divided from its surroundings by a broad expanse of scoriaceous rock.

Members of the staff of the National Park Service and representatives of the Federal Bureau of Land Management will be joined by Dr. Joel Gustafson, Associate Director of the Academy, and Don G. Kelley, Editor of PACIFIC DISCOVERY, and possibly other members of the Academy staff. Findings and photographs will undoubtedly appear in an early issue of PD.

On September 28, the Academy will play host to a small dinner in honor of Fleet Admiral Chester W. Nimitz, Mr. Robert Marshall and members of the Drake Navigators Guild. This scholarly group will spend the evening inspecting the Academy's rare books and maps pertinent to the earliest California history.

Science in Action" has broadened its audiences considerably with the opening of the fall series of programs. This television prize-winner is being seen in Sacramento on Station KIVE, Channel 6, Wednesdays at 8 p.m. and has begun its third year being telecast in Hawaii. Also, "S in A" is now seen at Armed Forces installations throughout the world. Efforts continue to gain an even larger audience through syndication of the program nationally. We hope that a positive report will be forthcoming in the near future.

Director Robert C. Miller returned to the Academy on September 5 from Anchorage, Alaska, where he attended the Eleventh Alaskan Science Conference. Dr. Miller, among some 300 attendees, was delegate from the Pacific Division, American Association for the Advancement of Science. With scarcely enough time to catch his breath, he was then enroute to Wash-

ington, D. C. to serve on a panel of the National Science Foundation, evaluating various scientific projects presented for support by that noteworthy organization.

The sound track for Morrison Planetarium's "PACIFIC FESTIVAL OF STARS" needed some good, loud and vociferous crowd noises to accompany an eclipse over Bangkok where legend has it that the demon Rahoo consumes the sun. Nothing exactly right being available, George Bunton collected several itinerant members of the staff and with the aid of various noisemakers, created enough of a ruckus that many passers-by headed for the nearest exit. The sound effects were so successful that the noisy troupe now wishes it known that, as the "Academons", they are available for hire for similar chores. Have gong, will travel!

Benjamin H. Banta, formerly of Pomona College, has been appointed Research Biologist in the Academy's Department of Herpetology. Mr. Banta is currently occupied with the evolution and ecology of the reptiles and amphibians of the Great Basin, an area to which he has devoted much of his activity and research. Within the next several weeks, Mr. Banta will have completed his doctoral dissertation at Stanford University.

Apropos herpetology: 250 excellent specimens of Korean reptiles and amphibians have been presented to the Academy by Mr. James Dixon of Texas A. and M..

Paul H. Arnaud, Jr. of the Entomology Department, has received a grant from the National Science Foundation as support for his project, "Completion of a Catalogue of the Tachinidae (Diptera) of North America, North of Mexico."

Everyone involved agreed that the Academy Open House was a definite success. About 1100 guests came to enjoy the special shows in Morrison Auditorium, the Planetarium demonstrations and the tours through Steinhart Aquarium. And too, they took advantage of the opportunity to chat with various members of the staff and become better acquainted with Academy Personnel. The consensus is that such an Open House should become an annual affair.

Meet the Staff



LEO G. HERTLEIN, pictured examining a fossil scallop from Coos Bay, Oregon, is Associate Curator of the Department of Geology and dates his association with the Academy back as far as 1925. During these three-plus decades, only occasional leaves of absence or field trips, including one to the Galapagos Islands, have found him away from his rock, fossil and shell strewn desk.

Born on a farm near Pratt, Kansas, Dr. Hertlein received his B. A. degree at the University of Oregon, and his M. A. and Ph. D. degrees in geology at Stanford University. His infrequent leaves of absence found him employed as paleontologist for Henry L. Doherty & Co. who made a survey of various Mexican Government Concessions, and subsequently as field geologist for the Hudson's Bay Marland Oil Co. and the Hudson's Bay Oil and Gas Co. in Alberta, Canada.

Dr. Hertlein has published some 130 titles on various aspects of geology, paleontology and conchology, but readily admits that his particular interest lies in late Cenozoic paleontology. He is a Fellow of the California Academy of Sciences and a member of the American Malacological Union and the Southern California Academy of Sciences.

He and Mrs. Hertlein enjoy San Francisco living where they indulge their love for music, theatre and opera. Reading of history, natural history, biography and literature consumes much of his leisure time. His favorite poets are Wordsworth, Shelley and Keats.

He is a staunch believer in conservation of natural resources and in the National Parks program.

One of his hobbies: a study of coloration in nature.

NEW MEMBERS OF THE ACADEMY

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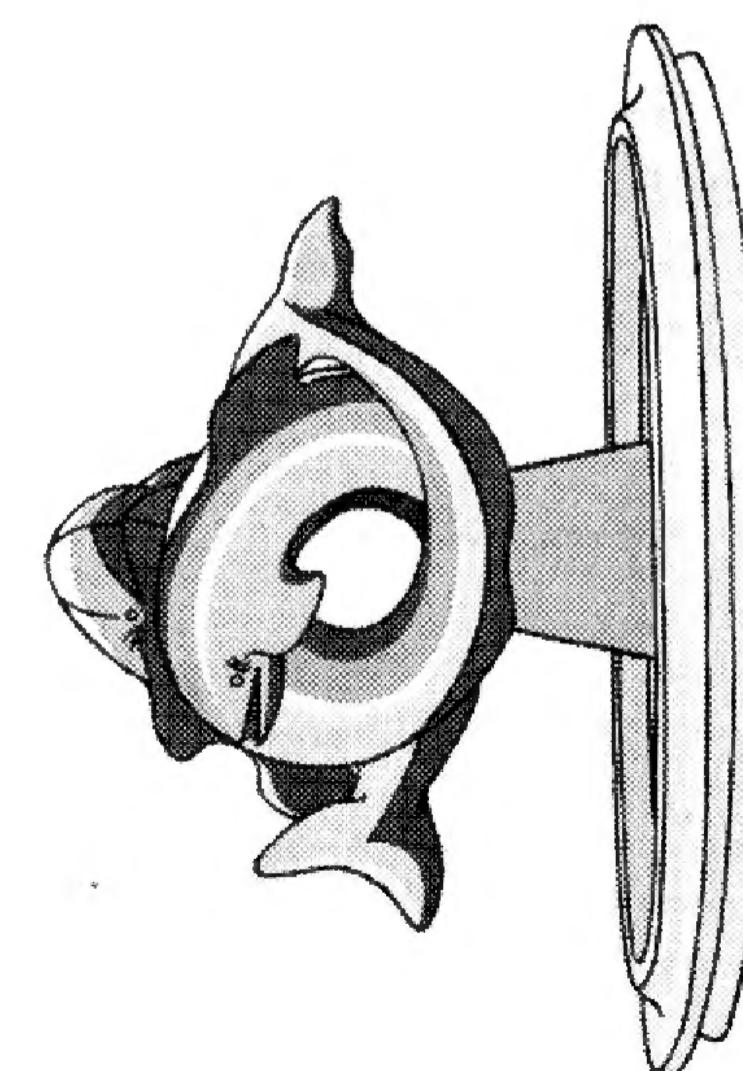
FAMILY MEMBERSHIP

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| | Mr. William R. Whitehead |

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| David Fletcher | Margaret Maisler |
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Academy NEWSLETTER



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